



# STEVEN WALKER

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DIRECTOR  
DARPA

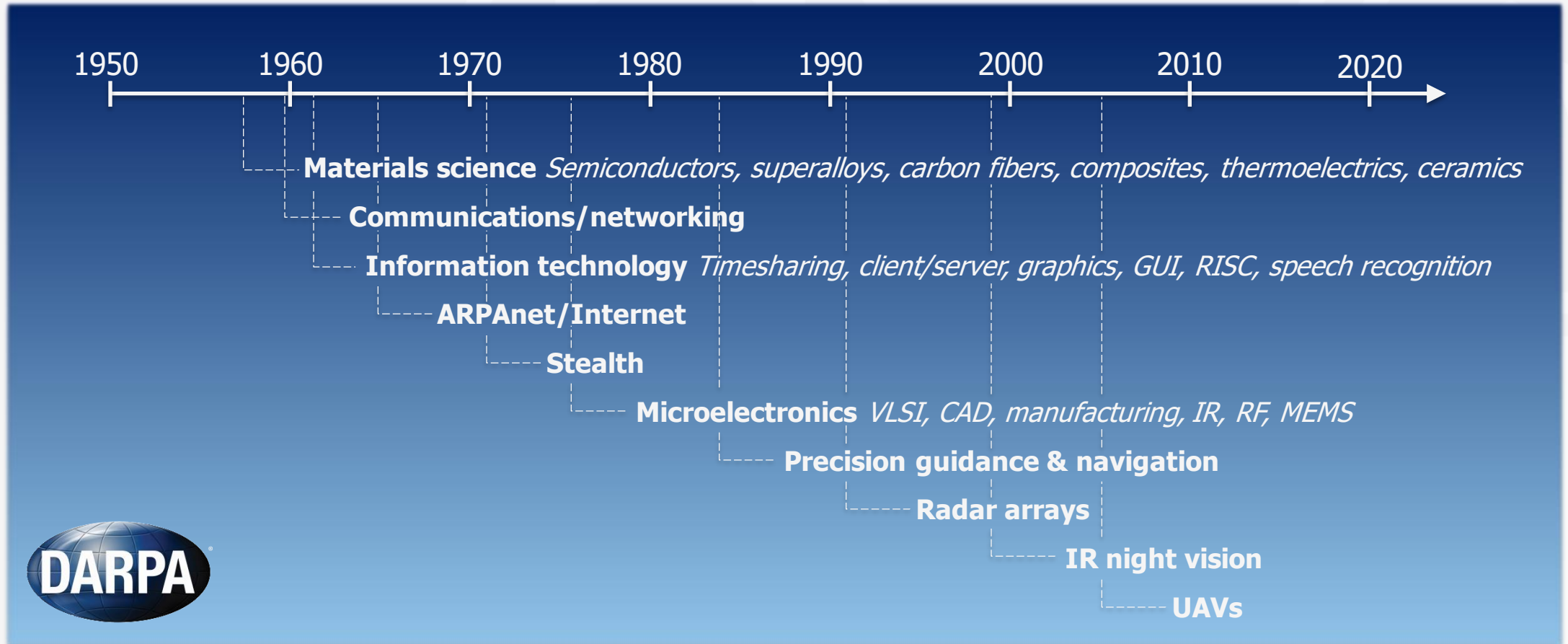


# **THE ELECTRONICS RESURGENCE INITIATIVE**

## **THE DARPA MISSION**

# DARPA'S MISSION

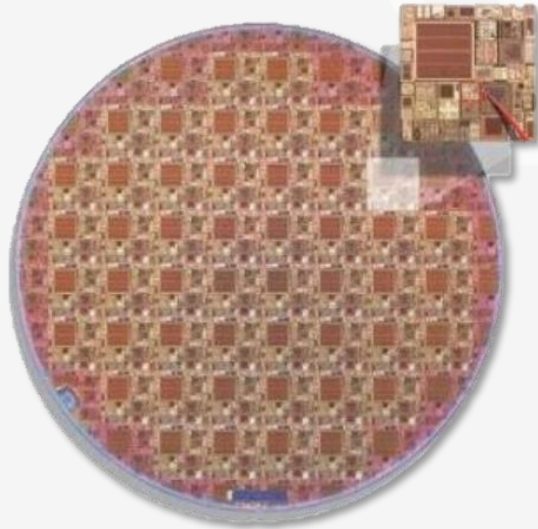
## Breakthrough Technologies and Capabilities for National Security



DARPA's role: Pivotal early investments that change what's possible

# VERY LARGE SCALE INTEGRATION (VLSI)

## Metal Oxide Semiconductor Implementation Service (MOSIS)



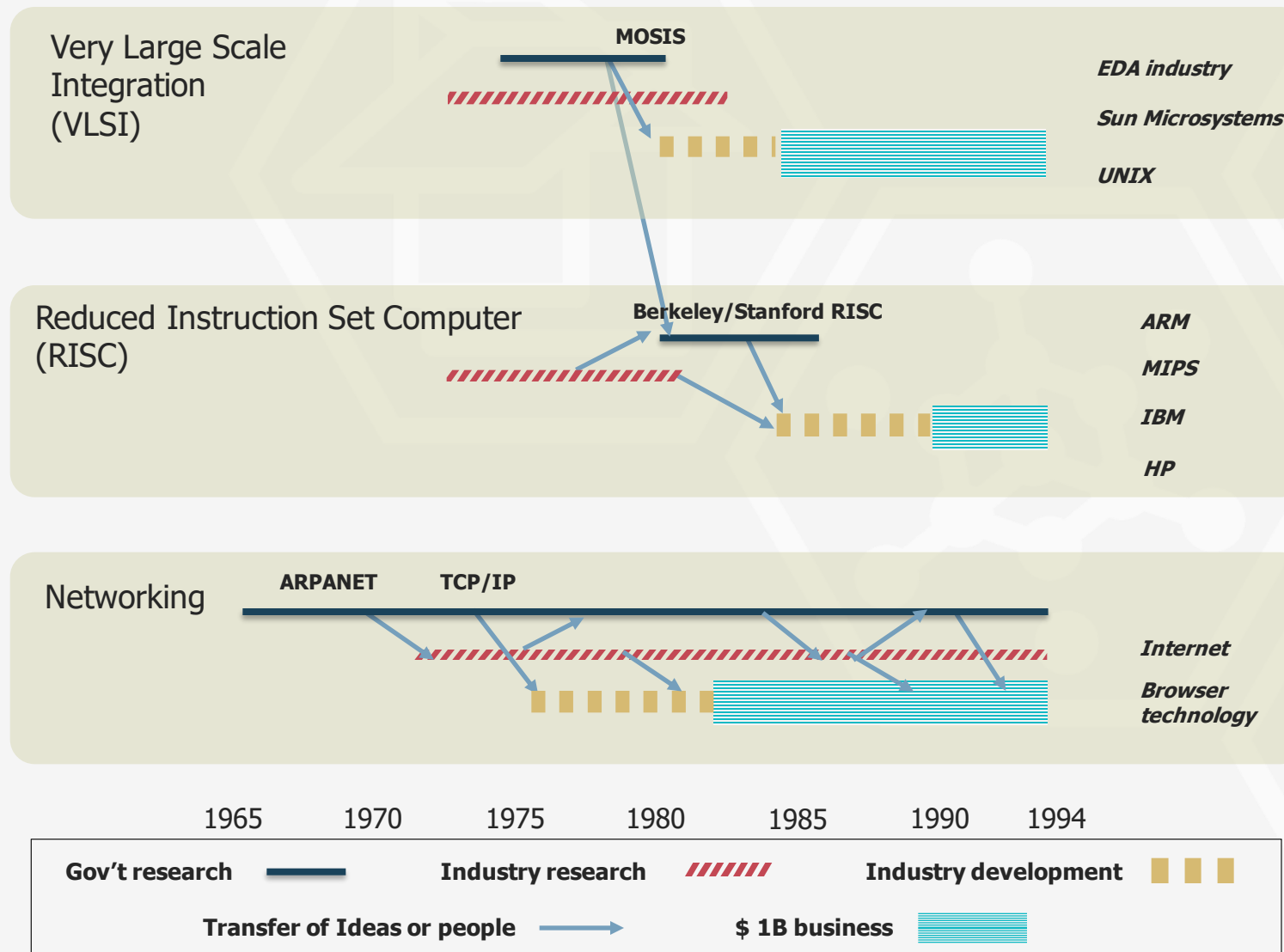
Forerunner of the  
fabless industry

## Reduced Instruction Set Computer (RISC)



Forerunner of the  
mobile industry's architecture

# GOVERNMENT INVESTMENT IN ELECTRONICS



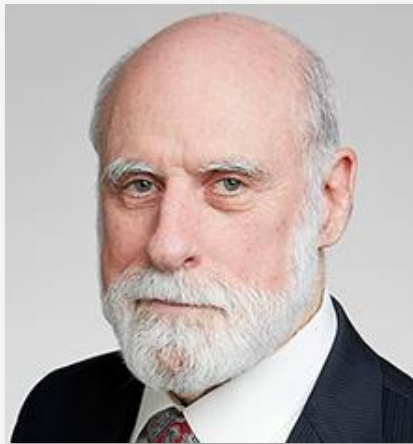
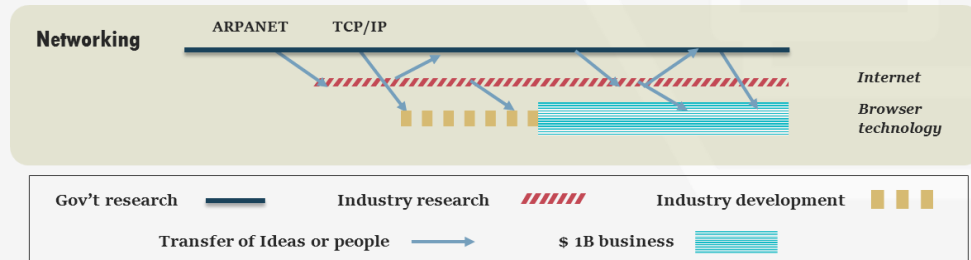


# DARPA'S 60TH ANNIVERSARY SYMPOSIUM

September 5-7, 2018

Gaylord National Harbor, MD

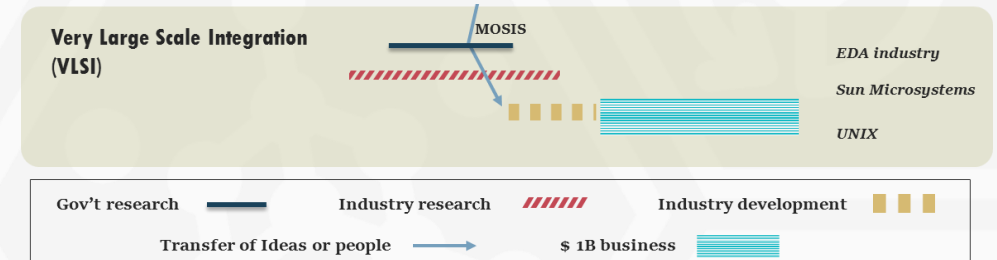
Register at [d60.darpa.mil/registration](https://d60.darpa.mil/registration)



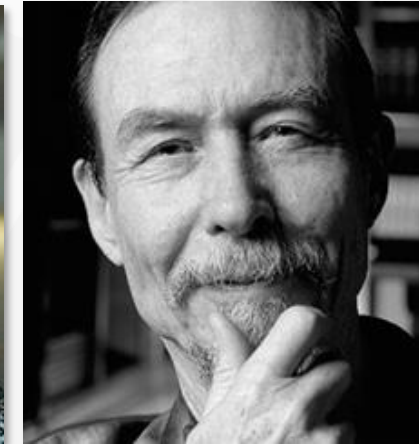
**Dr. Vint Cerf**  
Google



**Dr. Robert Kahn**  
Corporation for National  
Research Initiatives



**Dr. Lynn Conway**  
University of Michigan



**Dr. Carver Mead**  
California Institute of  
Technology

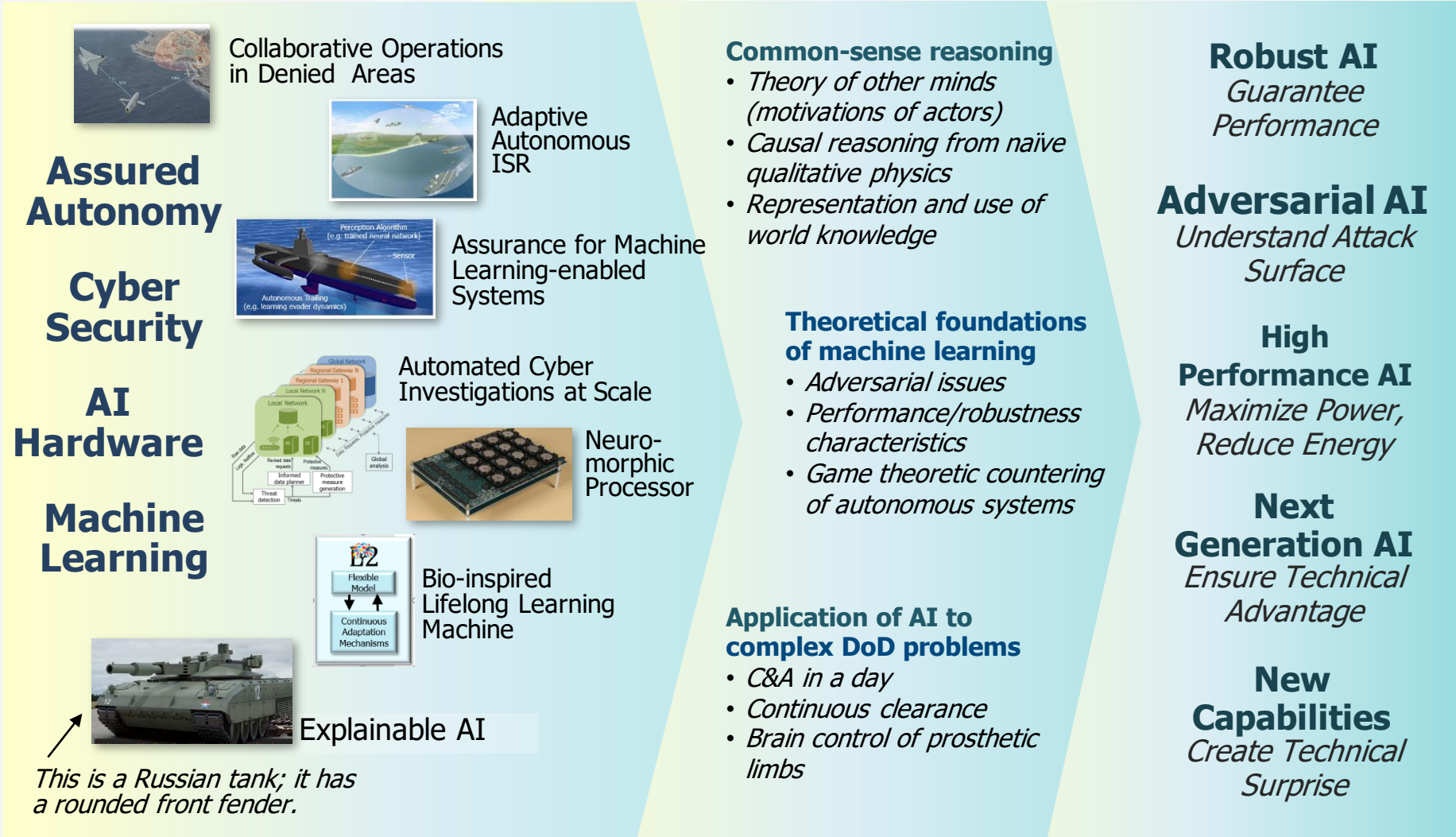
# WHERE DO WE GO NEXT? AI INVESTMENT STRATEGY

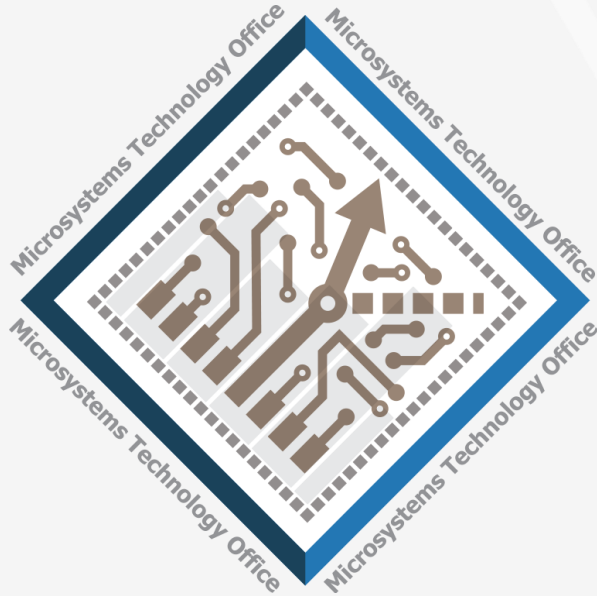
## Computers as Tools

80 Programs use AI, 25 Programs on AI Future

## Computers as Partners

Sustained Investment to Advance AI





# **ERI** **ELECTRONICS RESURGENCE INITIATIVE**

**S U M M I T**

**2018** | SAN FRANCISCO, CA | **JULY 23-25**